



UNITED STATES PATENT AND TRADEMARK OFFICE

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UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/689,854 | 10/13/2000 | Ville Eerola | PM 274425 2000010US/K |

Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 New York Avenue, NW.
Ninth Floor
Washington, DC 20005-3918



FORMALITIES LETTER



OC000000005575526

Date Mailed: 11/24/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$80.
 - \$80 for 1 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 920.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

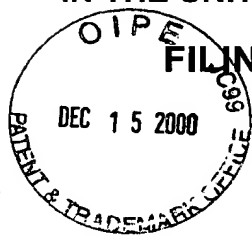
PART 2 - COPY TO BE RETURNED WITH RESPONSE

12/19/2000 SDUONG 00000018 09689854

↓ ↓ ↓
355.00 OP
65.00 OP
40.00 OP

01 FC:201
02 FC:205
03 FC:202

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



FILING COMPLETION UNDER RULE 53(f)

(NOT PCT Applications)
For Design, Provisional, or Utility Applications

PATENT
APPLICATION

COMPLETION Under
Rule 53(f)

In re PATENT APPLICATION ofAttn: Application Division

Inventor(s): EEROLA et al.

| | | | | |
|----------------|--------------|--------------|--------|------------------|
| Appln. No.: 09 | 689,854 | Atty.Dkt. PM | 274425 | 2000010US/KA/kop |
| Series Code ↑ | Serial No. ↑ | | M# | Client Ref |

Filed: October 13, 2000

Title: MATCHED FILTER AND SPREAD SPECTRUM RECEIVER

Hon. Commissioner of Patents
Washington, DC 20231

Date: December 15, 2000

Sir:

The following **completes the filing** under Rule 53(f) of the above-identified patent application:

1. **Notice to File Missing Parts** ☒ copy attached ☐ not yet received
2. ☒ Signed Declaration attached. ☒ Original ☐ Facsimile/Copy

(Always "X" box 2 if filing signed Declaration and

"X" box 2A only if top box of the Declaration is X'd and file application copy, or"X" box 2B only if none of the top three boxes of the Declaration is X'd.)

- 2A. ☒ Attached: Original signed Declaration with attached specification (including claim(s)) which is a copy of specification and claim(s) originally filed to secure the above filing date.
- 2B. ☐ The original application as filed in the PTO on the above filing date is the application which each inventor executed by signing the attached Rule 63 Declaration.
3. ☐ Specification originally filed in non-English language; hence verified translation attached of:
- a. ☐ Abstract
- b. # pages of Specification (only spec. & claims)
- c. ☐ Drawing(s) No of Sheets
- ☐ Fig(s).
4. ☐ Letter filing formal drawing attached.

5. ☒ Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.

6. **DOMESTIC/INTERNATIONAL** priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

| Application No. | Filing Date | Application No. | Filing Date |
|-----------------|-------------|-----------------|-------------|
| (1) | | (2) | |
| (3) | | (4) | |
| (5) | | (6) | |

7. **FOREIGN** priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in Finland

| Application No. | Filing Date | Application No. | Filing Date |
|-----------------|------------------|-----------------|--------------------|
| (1) 19992211 | October 13, 1999 | (2) 20002155 | September 29, 2000 |
| (3) | | (4) | |
| (5) | | (6) | |

Completion Under Rule 53(b)

9. 2 (No.) Certified copies: ☒ attached; ☐ previously filed (date) _____
in U.S. Application No. 09/689,854 filed on October 13, 2000

10. Small Entity Status ☐ is Not claimed ☒ is claimed (file PAT-256 if this is the first claim of Small Entity Status)

11. ☐ Attached:

12. ☐ Preliminary Amendment:

THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED

| | | | | Large/Small Entity | | Fee Code |
|--|----|------------|---|------------------------|----------------|----------|
| 13. Basic Filing Fee | | | | Design Application | \$320/\$160 | |
| | | | | Not Design Application | \$710/\$355 | +355 |
| 14. Total Effective Claims | 13 | minus 20 = | 0 | x \$18/\$9 | +0 | 106/26 |
| 15. Independent Claims | 4 | minus 3 = | 1 | x \$80/\$40 | +40 | 101/201 |
| 16. If <u>any proper</u> multiple dependent claim (ignore improper) is present, (Leave this line blank if this is a reissue application) | | | | \$270/\$135 | +0 | 103/203 |
| 17. Surcharge for filing Declaration/filing fee late | | | | \$130/\$65 | +65 | 102/202 |
| 18. FILING FEE ENCLOSED = | | | | \$460 | | 104/204 |
| 19. Original due date: January 24, 2001 | | | | | | |
| 20. Petition is hereby made to extend the <u>original</u> due date to | | | | (1 mo) | \$110/\$55 = | +0 |
| cover the date this response is filed for which the requisite fee | | | | (2mos) | \$390/\$195 = | 115/215 |
| is attached | | | | (3mos) | \$890/\$445 = | 116/216 |
| | | | | (4mos) | \$1390/\$695 = | 117/217 |
| 21. If "non-English" box 3 is X'd, add Rule 17(k) processing fee | | | | \$130 | +0 | 118/218 |
| 22. If "assignment" box 5 is X'd, add recording fee. | | | | \$40 | +40 | 139 |
| 23. Petition Fee for | | | | \$130 | +0 | 581 |
| 24. TOTAL FEE ENCLOSED = | | | | \$500 | | |

Our Deposit Account No. 03-3975

Our Order No. 60258

274425

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

Pillsbury Madison & Sutro LLP
Intellectual Property Group

1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-3918
Tel: (202) 861-3000
Atty/Sec: RCI/ksh

By Atty: Richard C. Irving

Reg. No. 38499

Sig: Richard C. Irving

Fax: (202) 822-0944
Tel: (202) 861-3788

NOTE: File in duplicate with PTO receipt (PAT-103A) and attachments

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of
EEROLA et al.

Appln. No.: 09/689,854

Filed: October 13, 2000



Group Art Unit: Unknown

Examiner: Unknown

Title: **MATCHED FILTER AND SPREAD SPECTRUM RECEIVER**

Date: December 15, 2000

FILING OF DECLARATION

Hon. Commissioner of Patents
and Trademarks
Washington, DC 20231

Sir:

Attached is a Declaration with a duplicate copy of the Specification of the above-mentioned patent application, U.S. Patent Application 09/689,854, filed October 13, 2000.

Respectfully submitted,

PILLSBURY MADISON & SUTRO LLP

By: *Richard C. Irving*
Atty: Richard C. Irving
Reg. No. 38499
Telephone: 202-861-3527

RCI:ksh
Attachment

Ninth Floor
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918
202-861-3000

PATENT
APPLICATION

Filed: October 13, 2000

Group Art Unit Unknown

Examiner: Unknown

| | | | |
|------------|----|--------|------------------|
| Atty. Dkt. | PM | 274425 | 2000010US/KA/kop |
| | | M# | Client Ref |

Appln. Title: **MATCHED FILTER AND SPREAD SPECTRUM RECEIVER**



Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

Date: December 15, 2000

NOTIFICATION OF CHANGE IN SMALL/LARGE ENTITY STATUS

Please note the following change to/from Small Entity Status:

- ☒ **CLAIMED NOW:** Applicant hereby claims Small Entity Status
- ☐ **WITHDRAWN NOW:** Applicant hereby withdraws Small Entity Status

Respectfully Submitted
Pillsbury Madison & Sutro LLP
Intellectual Property Group

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